

Attorney Docket No. 10112251

PATENT

10/601417 10/601417 10/601417

Date: June 23, 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Patent Application

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Inventor(s):

Tie-Jiang WU; Chien-Chang HUANG; Yu-Wei TING; Bo-Ching JIANG; Tse-Main KUO

For (title):

TEST KEY AND METHOD FOR VALIDATING THE DOPING CONCENTRATION OF BURIED LAYERS WITHIN A DEEP TRENCH CAPACITORS

1. Type of Application

This new application is for a(n)

<u>x</u> 	Regular utility (nonprovisional) Design Plant
	Divisional
	Continuation
	Continuation-in-part (C-I-P).

2. Benefit of Prior U.S. Application(s) (35 U.S.C. §§ 119(e), 120, or 121)

The new application being transmitted claims the benefit of prior U.S. application(s).
 Enclosed are ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE
BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

3. Papers Enclosed

	Require lication	d for filing date under 37 C.F.R. § 1.53(b) (Regular) or 37 C.F.R. 1.153 (Design)				
	8	Page(s) of specification				
	3	Page(s) of claims				
	6 Sheet(s) of drawing					
		The enclosed drawing(s) are photograph(s).				
		The enclosed drawing(s) are in color. Three (3) sets of color drawings and a "PETITION TO ACCEPT COLOR DRAWING(S)" are attached. 37 C.F.R. §§ 1.84(a)(2) and 1.84(b).				
		X Formal				
		Informal				
В. (Other p	papers enclosed				
4. /	1	Page(s) of declaration (including power of attorney) Page(s) of abstract Other:				
		Amendment to claims				
		Cancel in this application claims before calculating the filing fee. (At least one independent claim must be retained for filing purposes).				
		Add the claims shown on the attached amendment. (Claims added have been numbered consecutively following the highest numbered original claims.)				
		Preliminary Amendment				
		Information Disclosure Statement (37 C.F.R. § 1.98)				
		Form PTO-1449 (PTO/SB/08A and 08B)				
		Citations				
		Authorization of Attorney(s) to Accept and Follow Instructions from Representative				
	<u>X</u>	Return Receipt Postcard in accordance with MPEP 503				
		Verified Statement Claiming Small Entity Status (37 C.F.R. § 1.27)				
		Other:				

5. Declaration or Oath (including power of attorney)

X Enclosed, executed by	
X inventor(s).	
legal representative of inventor(s). 37 C.F.R. §§ 1.42 or 1.43.	
joint inventor or person showing a proprietary interest on behalf of inventor who refuses to sign or cannot be reached.	entor
This is the petition required by 37 C.F.R. § 1.47 and the stateme required by 37 C.F.R. § 1.47 is also attached. See item 12 below fee.	
Not Enclosed	
Application is made by a person authorized under 37 C.F.R. § 1.41(c) or behalf of all the above named inventor(s).	1
Showing that the filing is authorized.(Not required unless called into question. 37 C.F.R. 1.41(d))	
6. Language	
X English	
Non-English	
The attached translation includes a statement that the translation is account of the statement of the statem	curate.
7. Assignment	
X An assignment of the invention to: Nanya Technology Corporation	
is attached. A separate RECORDATION FORM COVERSHEET is als attached.	30
will follow.	
This is a continuation division application and the assignment for the p application was filed on	arent
Reel	
Frame	

8. Foreign Priority Claim (35 U.S.C. § 119(a)-(d)) and Certified Copy

Certified copy(ies) of application(s)

Taiwan	91118881	8/21/2002	
Country	Appin. No.	Filed	
Country	Appln. No.	Filed	
from which priority is claimed			
X is (are) attached.			
will follow.			

9. Request for International-Type Search (37 C.F.R. § 1.104(d))

Please prepare an international-type search report for this application at the time when national examination on the merits takes place.

10. Assertion of Small Entity Status

Applicant hereby asserts status as a small entity under 37 C.F.R. § 1.27.

11. Fee Calculation

A. X Regular utility application

	Number filed	CLAIN	IS AS FILI Number Extra	ED	Rate	Bas	ic Fee 37 C.F.R. § 1.16(a) 750
Total Claims (37 C.F.R. § 1.16(c))	8	-20 =	0	X	18	\$	0
Independent Claims (37 C.F.R. § 1.16(b))	2	-3 =	0	X	84	\$	0
Multiple Dependent Claim(s) (37 C.F.R. § 1.16(d))	0			+	280	\$	0
Amendment canceling extra claims is enclosed.							

Multiple Claim(s)	.R. § 1.16(b)) Dependent 0) (37 C.F.R. §	+	280 \$	0
1.16(d))	Amendment canceling extra claims is en Amendment deleting multiple-depender Fee for extra claims is not being paid at	ncies is enclosed.		750
В.	Design application (37 C.F.R. 1.16(f))	Filing Fee Calc		730
C.	Plant application (37 C.F.R. 1.16(g))	Filing Fee Calc	ulation \$	

12. Fee Payment Being Made at This Time

Not Enclosed		
No filing fee is to be paid at this time		
X Enclosed		
X Filing Fee	\$	750
X Recording assignment (37 C.F.R. 1.21(h)) (See attached RECORDATION FORM COVERSHEET.)	\$	40
Petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached (37 C.F.R. §§ 1.47 and 1.17(i))	\$	
For processing an application with a specification in a non-English language (37 C.F.R. §§ 1.52(d) and 1.17(k))	\$	
Processing and retention fee (37 C.F.R. §§ 1.53(d) and 1.21(l))	\$	
Fee for international-type search report (37 C.F.R. 1.21(e))	\$	·
Total Fees Enclose	d\$	790
13. Method of Payment of Fees		
Attached is a check in the amount of	\$	
X Authorization is made to charge the amount of	\$	790
 X to Deposit Account No. 502447. to the Credit card as shown on the attached credit card authorization form PT-2038. 	information	

14. Authorization to Charge Additional Fees

Authorization is made to charge any additional fees which may be required under 37 C.F.R. 1.16 (filing fees and the presentation of extra claims) and 37 C.F.R. 1.17 (application processing fees) to Deposit Account No. 502447.

15. Instruction as to Overpayment

X Please credit overpayment to Deposit Account No. 502447.

Please send correspondence to:

Quintero Law Office 1617 Broadway, 3rd Floor Santa Monica, California 90404 Telephone: (310) 401-6180 Facsimile: (310) 401-6185

Respectfully submitted,

Nelson A. Quintero Attorney for Applicant Reg. No. 52,143

Customer No. 34,283 (please enter this data)

P101145CP

Express Mail No. ER262802206US Attorney Docket No: 10112251

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of	:	
Inventors:	Tie-Jiang WU; Chien-Chang HUANG; Yu-Tse-Main KUO	-Wei TING; Bo-Ching JIANG;
Title:	TEST KEY AND METHOD FOR VALIDAT CONCENTRATION OF BURIED LAYERS CAPACITORS	
Date: June 23, 2003		
Commissioner for Pate P.O. Box 1450 Alexandria, VA 22313		
	DESCRIPTION TO ACCOMPANY LET IG DEPOSIT ACCOUNT ORDER FOR	
This fee description is in the attached new ca	filed in duplicate, with respect to the reques se transmittal.	t for a deposit account charge
A. X Filing Fee		\$750
	gnment (37 C.F.R. 1.21(h)) (See attached N FORM COVERSHEET.)	\$40_
on behalf of the	filing by other than all the inventors or person inventor where inventor refused to sign or hed (37 C.F.R. §§ 1.47 and 1.17(i))	\$
D For processing English langua	an application with a specification in a non- ge (37 C.F.R. §§ 1.52(d) and 1.17(k))	\$
E Fee for interna	tional-type search report (37 C.F.R. 1.21(e))	\$
	Total fee char	ge \$790
Authorization is made	to charge the amount of <u>US\$790</u> to Deposit	t Account No. 502447.

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